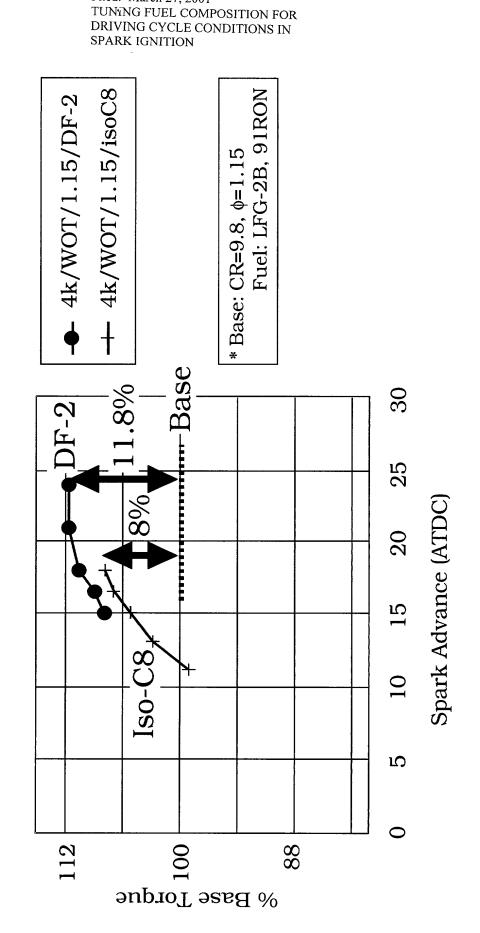
Figure 1



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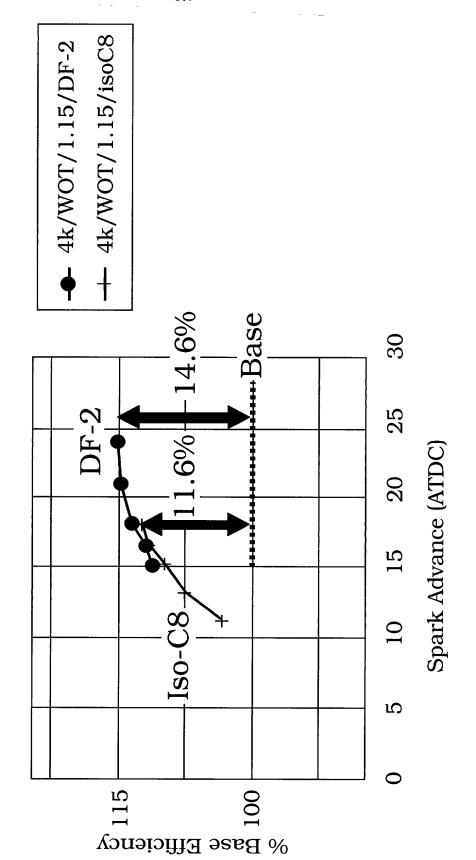


Figure 3

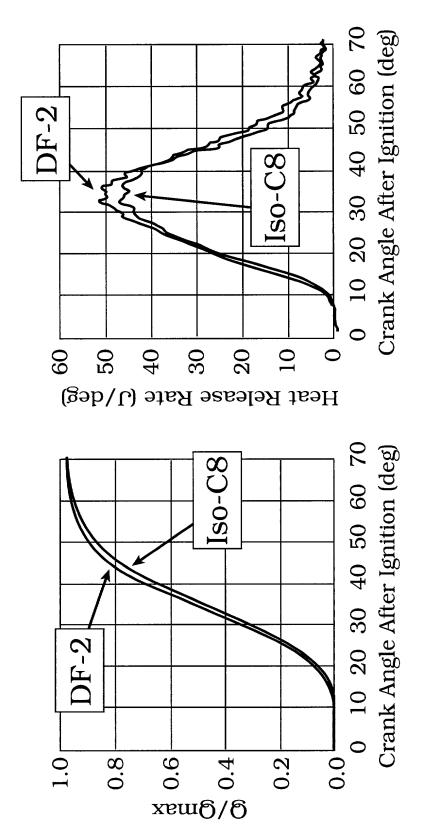
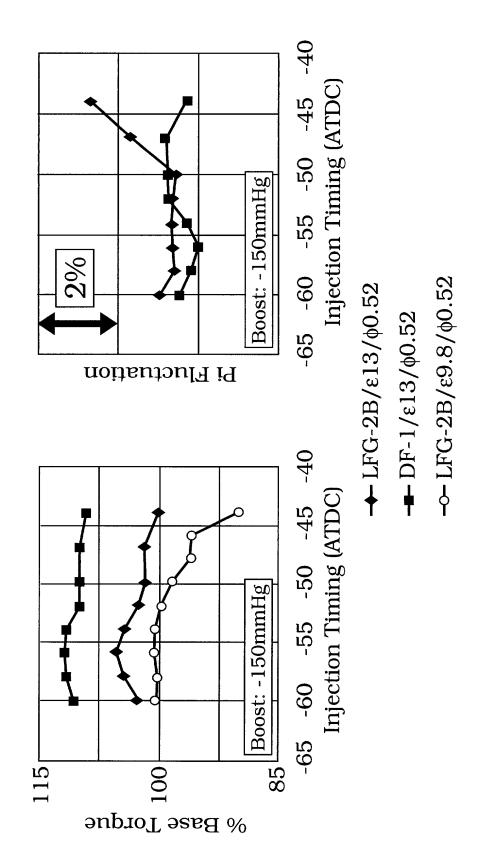


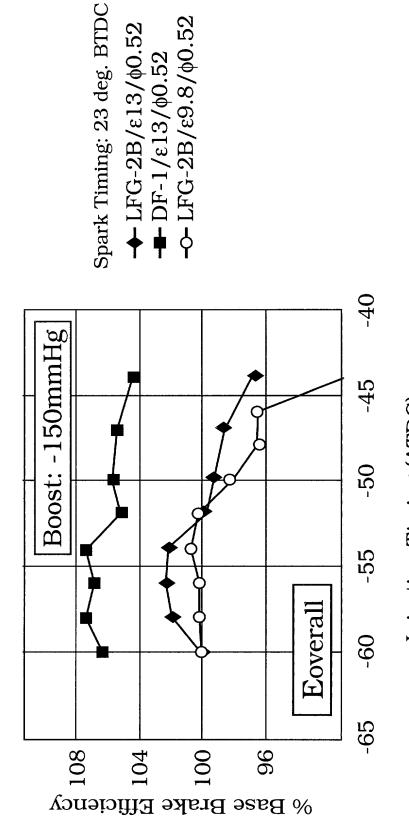
Figure 4



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CO (1) (2) (kWh) (ATDC) (ATDC)

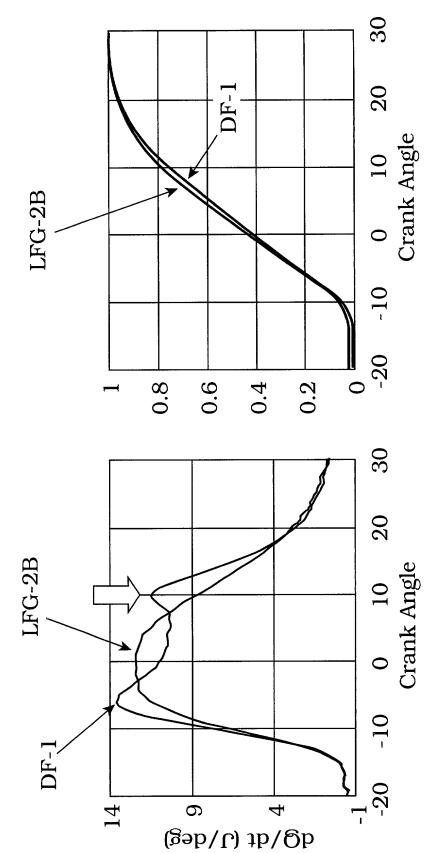
Figure 6



Injection Timing (ATDC)

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-65

Figure 8

Solution Timing (ATDC)

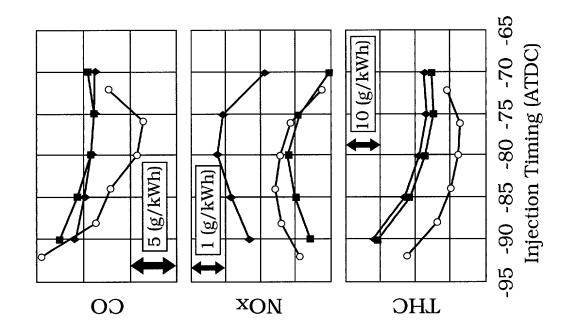
Figure 8

Boost: -150mmHg

Boost: -150mmHg

Figure 8

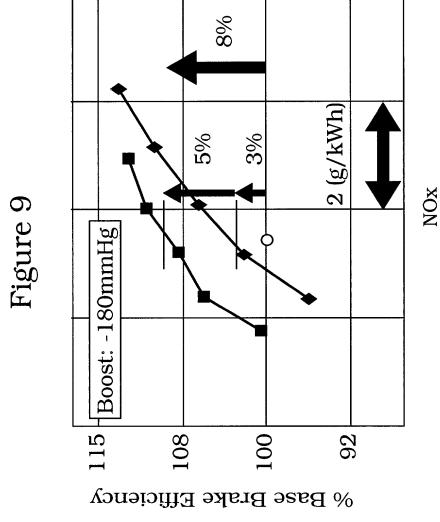
→ LFG-2B/ε13/SA16/φ0.56 → DF-1/ε13/SA16/φ0.58 - LFG-2B/ε9.8/SA16/φ0.58



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TUNING FUEL COMPOSITION FOR DRIVING CYCLE CONDITIONS IN



→ LFG-2B/ε13/Inj80/φ0.56 → DF-1/ε13/Inj80/φ0.58 → DF-1/ε13/Inj80/φ0.58

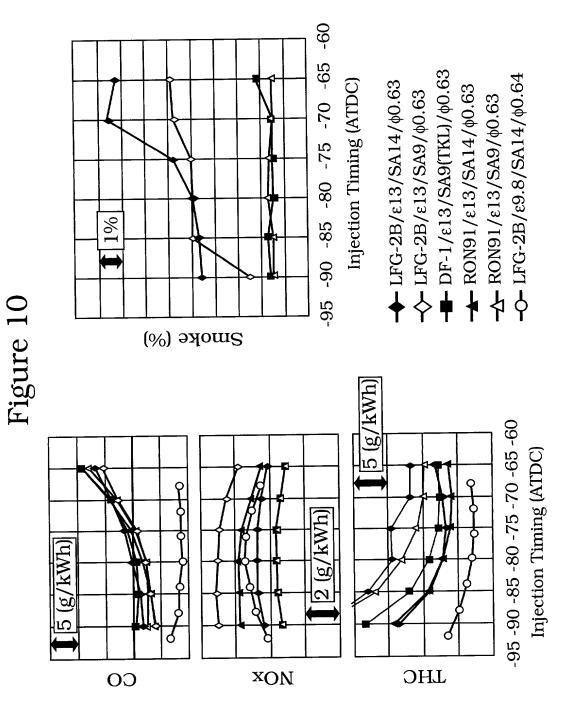
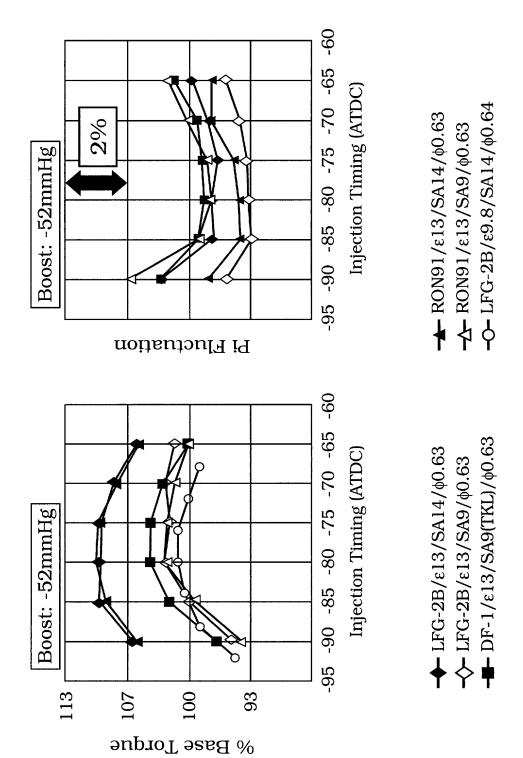
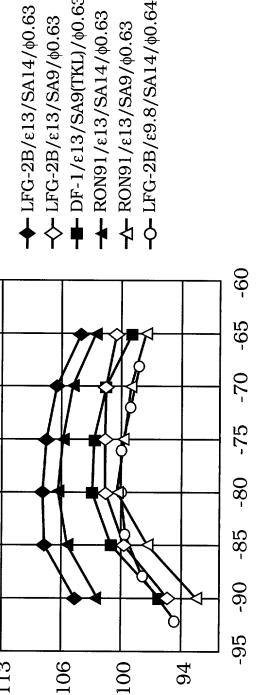


Figure 11



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-**-** DF-1/ε13/SA9(TKL)/φ0.63 - LFG-2B/ ε 13/SA14/ ϕ 0.63 \leftarrow LFG-2B/ ϵ 13/SA9/ ϕ 0.63 -52mmHg Boost: Eoverall



% Base Brake Efficiency